1	STATE Hawaii					
2	FIELD OFF		ıe, Aiea, Hoolehua, Kealakekua, Waimea, and Hilo			
3						
4		COMMON RESOURCE AREA (CRA) Leeward				
5	RESOURCE	CE INTERPRETATIONS   see Section II FOTG for interpretations				
5.1	SOIL	Kauai -	Rough mountainous land-Rough broken land-Rock outcrop association			
			Rough broken land-Mahana-Kokee association			
			Waikomo-Kalihi-Koloa association			
			Lihue-Puhi association			
		Oahu -	Tropohumults-Dystrandepts association			
			Helemano-Wahiawa association			
			Rock land-Stony steep land association			
		Molokai -	Very stony land-Rock land association			
		Lanai -	Very stony land-Rock land association			
		Hawaii -	Lava flows association			
			Puu Pa-Pakini-Waiaha association			
			Kawaihae association			
			Waimea-Kikoni-Naalehu association			
			Hanipoe-Maile-Puu Oo association			
5.2	WATER	Not Avail	able			
5.3	AIR	Not Avail	able			
5.4	PLANT	Not Avail	able			
5.5	ANIMAL	Not Avail	able			
5.6	HUMAN	Not Avail	able			
6	HYDROLO		20010000 / 20040000 / 20050000 / 20060000 / 20070000			
7	SYSTEM TI					
8	SYSTEM N		Leeward, Benchmark, State			
9	PLANNING		Benchmark			
10	PLANNING		Not Applicable			
11	NRCS LAN		NPAS / CROP			
12		CONSERVATION PRACTICES				
	1. None					
	2.					
	3.					
	4.					
	5.					
	İ					

13	SYSTEM NARRATI	VE	
	Representative Areas:	Kauai -	Puu Opae, Upper Makaweli and Mahaulepu
		Oahu -	Makakilo and Honouliuli
		Molokai -	West Coast, Kalaupapa, and South Molokai
		Lanai -	All coastal areas and uplands surrounding the central plateau
		Hawaii -	Mahukona to Kiholo, Waikii, Mana Road area, leeward slopes of Mauna Kea and Mauna Loa, and South Point
	Land Use:	Naturalized Pastures -	Mainly livestock grazing on naturalized pasture.
		Cropland -	Some seed corn farms on Molokai
	Topography:	Rolling hills t	o steep slopes; on Molokai, rough broken land.
	Rainfall:		25 - 40" per year. 10 - 35" per year.
	Special Conditions:	Overgrazing causes increased gully erosion. Area very dry and prone to droughts, brush fires, and overgrazing.	

13	SYSTEM NARRATIV	/E	
	Soils:	Kauai -	Rough mountainous land-Rough broken land-Rock outcrop association Well-drained to excessively drained, very steep to precipitous lands of mountains and gulches.
			Rough broken land-Mahana-Kokee association: Shallow to deep, very steep, rough broken land and deep, moderately sloping to very steep, well-drained soils that have a medium-textured to fine-textured subsoil; on uplands.
			Waikomo-Kalihi-Koloa association: Moderately deep, gently sloping, well-drained upland soils that have a moderately fine textured or fine textured subsoil; deep, nearly level, poorly drained, bottom-land soils that have a fine-textured subsoil.
			<u>Lihue-Puhi association</u> : Deep, nearly level to steep, well-drained soils that have a fine textured or moderately fine textured subsoil; on uplands.
		Oahu -	<u>Tropohumults-Dystrandepts association</u> : Gently sloping to very steep, well-drained soils that are underlain by soft weathered rock, volcanic ash, or colluvium; on narrow ridges and side slopes.
			<u>Helemano-Wahiawa association</u> : Deep, nearly level to moderately sloping, well-drained soils that have a finetextured subsoil; on uplands.
			Rock land-Stony steep land association: Steep to precipitous, well-drained to excessively drained, rocky and stony land.
		Molokai -	<u>Very stony land-Rock land association</u> : Gently sloping to very steep, rocky and stony land types; on uplands and in gulches and valleys.
		Lanai -	<u>Very stony land-Rock land association</u> : Gently sloping to very steep, rocky and stony land types; on uplands and in gulches and valleys.
		Hawaii -	<u>Lava flows association</u> : Gently sloping to steep, excessively drained, nearly barren lava flows; on uplands.
			Puu Pa-Pakini-Waiaha association: Shallow to deep, nearly level to steep, well-drained to somewhat excessively drained soils that have a medium-textured subsoil or medium-textured underlying material; on uplands.
			<u>Kawaihae association</u> : Moderately deep, gently sloping to moderately steep, somewhat excessively drained soils that have a medium-textured subsoil; on coastal plain.
			Waimea-Kikoni-Naalehu association: Very deep, nearly level to steep, well-drained soils that have a medium-textured to moderately fine textured subsoil; on uplands.
			<u>Hanipoe-Maile-Puu Oo association</u> : Deep, gently sloping to steep, well-drained soils that have a medium-textured to moderately fine textured subsoil; on uplands.

14	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	Soil / Erosion / Sheet & Rill Erosion	Soil loss exceeds acceptable tolerance level. Sheet & rill erosion estimated at tons/acre/year.
	2. Soil / Erosion / Wind Erosion	Wind deposits soil in culverts and watercourses.
	3. Soil / Erosion / Ephemeral Gully	3. Gullies develop after rainfall events.
	4. Soil / Erosion / Classic Gully	<ol> <li>Gullies are increasing in depth and width.</li> </ol>
	5. Soil / Erosion / Streambank Erosion	5. Stream banks and bottoms are not stabilized.
	6. Soil / Condition / Soil Compaction	<ol><li>Soil compaction in livestock traffic areas increases runoff and inhibits growth of forage.</li></ol>
	7. Water / Quality / Suspended Sediment & Turbidity in Surface Water	<ol> <li>According to DOH reports, state water quality standards have been exceeded for turbidity in some coastal waters.</li> </ol>
	8. Plant / Condition / Productivity	8. Desired grasses are overgrazed.
	Animal / Habitat / Domestic Animal Water Requirements	<ol><li>Water supply and distribution is inadequate and inefficient.</li></ol>
	10. Animal / Habitat / Threatened & Endangered Species	<ol> <li>Some areas on the property are habitat for threatened and endangered animals.</li> </ol>